

EPICS Debian Packaging at NSLS-II

Status, maintenance, versioning



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Status

- Relying on community efforts, **epicsdeb** on GitHub
- Legacy repository, <https://epics.nsls2.bnl.gov/debian>
 - Provides packages for Debian 5, 6, 7, 8
 - Updates only as required by reliant systems
- “New” repository, <https://epicsdeb.bnl.gov/debian>
 - Provides packages for Debian 8
 - Updates as available in **epicsdeb** (hopefully)
- Both use reprepro + rebuilddd + pbuilder (32 & 64 bit)
- Going through a domain-name & https transition (Leon Flaks, Oksana Ivashkevych, ITD)

Maintenance

- Repository signing keys are replaced annually
- Old Legacy snapshots and *main* are very unlikely to change, only if version bumps in *staging*
- New repository *staging* will include recent contributions from **epicsdeb**
- Snapshots of the new repository may be created

Versioning

- Want to keep information about upstream version, Debian revision, distribution, and upload index
- Want to be consistent with system upgrades
- Native packages:
 - `<upstream>+<distribution>u<upload>`
 - 8.16+deb8u4
- Non-native packages:
 - `<upstream>-<revision>+<distribution>u<upload>`
 - 5.5.1-1+deb8u1